

# Hollinger Public Blast Report

**Date:** April 28, 2014  
**Blast Time:** 15:30  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 07:50

**Blast Conditions**

Ceiling Height: >4000m  
 Boundary Layer Height: 90m  
 Cloud Cover: Clear  
 Wind Speed: 14 km/hr  
 Wind Direction: NE  
 Temperature: 8.4 °C

**Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:**

**Noise Alert: Exceedances due to blast siren**

**Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

Comfort Inn: 57.2 L<sub>Aeq</sub>  
 Edwards: 69.8 L<sub>Aeq</sub>  
 Fred: 46.1 L<sub>Aeq</sub>  
 Hollinger Office: 67.5 L<sub>Aeq</sub>  
 Noah: 59.9 L<sub>Aeq</sub>  
 Sandy: 65.8 L<sub>Aeq</sub>  
 Water Tower: 52.2 L<sub>Aeq</sub>  
 Wilson: 51.8 L<sub>Aeq</sub>

**Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:**

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	17.3	24.5	37.7	61.9
Hollinger Office:	50.1	238.6	37.9	88.9
Hollinger Park:	16.8	25.6	24.6	44.8
Sandy:	19.4	48.6	26.3	52.6

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### NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
GC1-379 (Hollinger Park):	17.2	44.2
GC2-380 (Hollinger Office):	8.2	50.8
GC3-381 (Hollinger Park):	2.0	3.7
GC4-382 (Sandy):	2.1	4.0

### Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.2	0.1	0.1
Moneta Pumping Station:	0.1	0.0	0.2
Sandy:	0.5	0.2	0.7
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.2